

Y6 – Spring – Block 2 – Step 3 – Form expressions Answers

Question	Answer
1	b) $3x + 5$ c) $3x$ d) $x + 3$ e) $2x + 5$ f) $5x + 2$ g) $2x + 6$ h) $4x + 9$
2	a) 1 multilink cube and 2 base 10 ones b) 2 multilink cubes c) 3 multilink cubes and 1 base 10 one d) 1 multilink cube and 6 base 10 ones Children should all have the same numbers of multilink and base 10 ones, but the order may be different.
3	b) $5a + 2$ c) $4p + 2$ d) $4m + 1$
4	a) $+ 4$ $y + 4$ b) $\times 2$ $2y$ c) $- 3$ $y - 3$ d) $\div 10$ $\frac{y}{10}$
5	<p>5 more than y $2y$</p> <p>y less than 5 $y - 5$</p> <p>y multiplied by 5 $5 - y$</p> <p>y divided by 5 $y + 5$</p> <p>double y $5y$</p> <p>5 less than y y^2</p> <p>y multiplied by y $\frac{y}{5}$</p>

Y6 – Spring – Block 3 – Step 3 – Form expressions Answers (continued)

Question	Answer																								
6	a) $3a$ b) $4b$ c) $6x$ d) $2a + 2b$ e) $3x + 2y$																								
7	a) <table border="1" data-bbox="261 420 572 547"> <tr> <td colspan="2" style="text-align: center;">$2a$</td> </tr> <tr> <td style="text-align: center;">a</td> <td style="text-align: center;">a</td> </tr> </table> b) <table border="1" data-bbox="261 569 572 696"> <tr> <td colspan="3" style="text-align: center;">$2b + 10$</td> </tr> <tr> <td style="text-align: center;">b</td> <td style="text-align: center;">b</td> <td style="text-align: center;">10</td> </tr> </table> c) <table border="1" data-bbox="261 718 572 845"> <tr> <td colspan="4" style="text-align: center;">c</td> </tr> <tr> <td style="text-align: center;">$\frac{c}{4}$</td> <td style="text-align: center;">$\frac{c}{4}$</td> <td style="text-align: center;">$\frac{c}{4}$</td> <td style="text-align: center;">$\frac{c}{4}$</td> </tr> </table> d) <table border="1" data-bbox="261 868 572 994"> <tr> <td colspan="3" style="text-align: center;">$d + 5$</td> </tr> <tr> <td style="text-align: center;">$\frac{d}{2}$</td> <td style="text-align: center;">$\frac{d}{2}$</td> <td style="text-align: center;">5</td> </tr> </table>	$2a$		a	a	$2b + 10$			b	b	10	c				$\frac{c}{4}$	$\frac{c}{4}$	$\frac{c}{4}$	$\frac{c}{4}$	$d + 5$			$\frac{d}{2}$	$\frac{d}{2}$	5
$2a$																									
a	a																								
$2b + 10$																									
b	b	10																							
c																									
$\frac{c}{4}$	$\frac{c}{4}$	$\frac{c}{4}$	$\frac{c}{4}$																						
$d + 5$																									
$\frac{d}{2}$	$\frac{d}{2}$	5																							